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#21

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/801,115B

DATE: 04/17/2003

TIME: 10:46:43

Input Set : A:\amended sequence listing.txt

Output Set: N:\CRF4\04172003\I801115B.raw

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3 <110> APPLICANT: Ma, D.
4   Han, w.
5   Zhang, Y.
6   Song, Q.
7   Di, C.
8   Huang, J.
9   Tang, J.
10  Chen, G.
13 <120> TITLE OF INVENTION: CHEMOKINE LIKE FACTORS (CKLF)WITH CHEMOTACTIC
14   AND HEMATOPOIETIC STIMULATING ACTIVITIES
16 <130> FILE REFERENCE: 10776-003-999
C--> 18 <140> CURRENT APPLICATION NUMBER: US/09/801,115B
C--> 19 <141> CURRENT FILING DATE: 2003-04-05
21 <150> PRIOR APPLICATION NUMBER: CN99107284.7
22 <151> PRIOR FILING DATE: 1999-05-14
24 <160> NUMBER OF SEQ ID NOS: 13
26 <170> SOFTWARE: PatentIn version 3.1
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29 <211> LENGTH: 534
30 <212> TYPE: DNA
31 <213> ORGANISM: Homo sapiens
33 <400> SEQUENCE: 1
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38 ggaaagtgct gctgctgggt ctgcagacgc gatggataac gtgcagccga aaataaaaaca      180
40 tcgccccttc tgcttcagtg tgaaaggcca cgtgaagatg ctgcggctgg atattatcaa      240
42 ctcaactgta acaacagtat tcatgctcat cgtatctgtg ttggcactga taccagaaac      300
44 cacaacattg acagttgggt gaggggtgtt tgcacttggt acagcagtat gctgtcttgc      360
46 cgacggggcc cttatttacc ggaagcttct gttcaatccc agcggtcctt accagaaaaa      420
48 gcctgtgcat gaaaaaaaaa aagttttgta attttatatt actttttagt ttgatactaa      480
50 gtattaaaca tatttctgta ttcttccaaa aaaaaaaaaa aaaaaaaaaa aaaa      534
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54 <211> LENGTH: 99
55 <212> TYPE: PRT
56 <213> ORGANISM: Homo sapiens
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61 1          5          10          15
64 Val Lys Gly His Val Lys Met Leu Arg Leu Asp Ile Ile Asn Ser Leu
65          20          25          30
68 Val Thr Thr Val Phe Met Leu Ile Val Ser Val Leu Ala Leu Ile Pro
69          35          40          45
72 Glu Thr Thr Thr Leu Thr Val Gly Gly Gly Val Phe Ala Leu Val Thr

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73      50      55      60
76 Ala Val Cys Cys Leu Ala Asp Gly Ala Leu Ile Tyr Arg Lys Leu Leu
77 65      70      75      80
80 Phe Asn Pro Ser Gly Pro Tyr Gln Lys Lys Pro Val His Glu Lys Lys
81      85      90      95
84 Glu Val Leu
88 <210> SEQ ID NO: 3
89 <211> LENGTH: 459
90 <212> TYPE: DNA
91 <213> ORGANISM: Homo sapiens
93 <400> SEQUENCE: 3
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96 gtgaagatgc tgcggctggc actaactgtg acatctatga ccttttttat catcgacaaa      120
98 gcccctgaac catatattgt tatcactgga ttggaagtca ccgttatctt atttttcata      180
100 cttttatatg tactcagact tgatcgatta atgaagtggg tattttggcc ttgcttgat      240
102 attatcaact cactggtaac aacagtattc atgctcatcg tatctgtgtt ggcactgata      300
104 ccagaaacca caacattgac agttggtgga ggggtgtttg cacttgtgac agcagtatgc      360
106 tgtcttgccg acggggccct tatttaccgg aagcttctgt tcaatccag cggtccttac      420
108 cagaaaaagc ctgtgcatga aaaaaaagaa gttttgtaa      459
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113 <212> TYPE: PRT
114 <213> ORGANISM: Homo sapiens
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122 Val Lys Gly His Val Lys Met Leu Arg Leu Ala Leu Thr Val Thr Ser
123      20      25      30
126 Met Thr Phe Phe Ile Ile Ala Gln Ala Pro Glu Pro Tyr Ile Val Ile
127      35      40      45
130 Thr Gly Phe Glu Val Thr Val Ile Leu Phe Phe Ile Leu Leu Tyr Val
131      50      55      60
134 Leu Arg Leu Asp Arg Leu Met Lys Trp Leu Phe Trp Pro Leu Leu Asp
135 65      70      75      80
138 Ile Ile Asn Ser Leu Val Thr Thr Val Phe Met Leu Ile Val Ser Val
139      85      90      95
142 Leu Ala Leu Ile Pro Glu Thr Thr Thr Leu Thr Val Gly Gly Gly Val
143      100      105      110
146 Phe Ala Leu Val Thr Ala Val Cys Cys Leu Ala Asp Gly Ala Leu Ile
147      115      120      125
150 Tyr Arg Lys Leu Leu Phe Asn Pro Ser Gly Pro Tyr Gln Lys Lys Pro
151      130      135      140
154 Val His Glu Lys Lys Glu Val Leu
155 145      150
158 <210> SEQ ID NO: 5
159 <211> LENGTH: 204
160 <212> TYPE: DNA
161 <213> ORGANISM: Homo sapiens
163 <400> SEQUENCE: 5

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164 atggataacg tgcagccgaa aataaaacat cgccccttct gcttcagtgt gaaaggccac      60
166 gtgaagatgc tgcggctggg gtttgacttt gtgacagcag tatgctgtct tgccgacggg      120
168 gcccttattt accggaagct tctgttcaat cccagcggtc cttaccagaa aaagcctgtg      180
170 catgaaaaaa aagaagtttt gtaa                                           204
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174 <211> LENGTH: 67
175 <212> TYPE: PRT
176 <213> ORGANISM: Homo sapiens
178 <400> SEQUENCE: 6
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181 1          5          10          15
184 Val Lys Gly His Val Lys Met Leu Arg Leu Val Phe Ala Leu Val Thr
185          20          25          30
188 Ala Val Cys Cys Leu Ala Asp Gly Ala Leu Ile Tyr Arg Lys Leu Leu
189          35          40          45
192 Phe Asn Pro Ser Gly Pro Tyr Gln Lys Lys Pro Val His Glu Lys Lys
193          50          55          60
196 Glu Val Leu
197 65
200 <210> SEQ ID NO: 7
201 <211> LENGTH: 363
202 <212> TYPE: DNA
203 <213> ORGANISM: Homo sapiens
205 <400> SEQUENCE: 7
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208 gtgaagatgc tgcggctggc actaactgtg acatctatga ccttttttat catcgacaaa      120
210 gccctgaac catatattgt tatcactgga tttgaagtca ccgttatctt atttttcata      180
212 cttttatatg tactcagact tgatcgatta atgaagtggg tattttggcc tttgcttggt      240
214 tttgcacttg tgacagcagt atgctgtctt gccgacggg cccttattta ccggaagctt      300
216 ctgttcaatc ccagcgggtc ttaccagaaa aagcctgtgc atgaaaaaaa agaagttttg      360
218 taa                                           363
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222 <211> LENGTH: 120
223 <212> TYPE: PRT
224 <213> ORGANISM: Homo sapiens
226 <400> SEQUENCE: 8
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229 1          5          10          15
232 Val Lys Gly His Val Lys Met Leu Arg Leu Ala Leu Thr Val Thr Ser
233          20          25          30
236 Met Thr Phe Phe Ile Ile Ala Gln Ala Pro Glu Pro Tyr Ile Val Ile
237          35          40          45
240 Thr Gly Phe Glu Val Thr Val Ile Leu Phe Phe Ile Leu Leu Tyr Val
241          50          55          60
244 Leu Arg Leu Asp Arg Leu Met Lys Trp Leu Phe Trp Pro Leu Leu Val
245 65          70          75          80
248 Phe Ala Leu Val Thr Ala Val Cys Cys Leu Ala Asp Gly Ala Leu Ile
249          85          90          95
252 Tyr Arg Lys Leu Leu Phe Asn Pro Ser Gly Pro Tyr Gln Lys Lys Pro

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253	100	105	110
256	Val His Glu Lys Lys Glu Val Leu		
257	115	120	
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272	<211> LENGTH: 30		
273	<212> TYPE: DNA		
274	<213> ORGANISM: Artificial		
276	<220> FEATURE:		
277	<223> OTHER INFORMATION: primer		
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283	<210> SEQ ID NO: 11		
284	<211> LENGTH: 23		
285	<212> TYPE: DNA		
286	<213> ORGANISM: Artificial		
288	<220> FEATURE:		
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291	<400> SEQUENCE: 11		
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295	<210> SEQ ID NO: 12		
296	<211> LENGTH: 27		
297	<212> TYPE: DNA		
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308	<211> LENGTH: 29		
309	<212> TYPE: DNA		
310	<213> ORGANISM: Artificial		
312	<220> FEATURE:		
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VERIFICATION SUMMARY

PATENT APPLICATION: US/09/801,115B

DATE: 04/17/2003

TIME: 10:46:44

Input Set : A:\amended sequence listing.txt

Output Set: N:\CRF4\04172003\I801115B.raw

L:18 M:270 C: Current Application Number differs, Replaced Current Application Number
L:19 M:271 C: Current Filing Date differs, Replaced Current Filing Date